



PTO/SB/51 (10-05)

Approved for use through 04/30/2007. OMB 0651-0033

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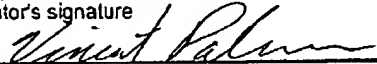
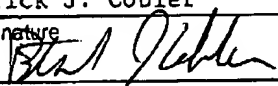
REISSUE APPLICATION DECLARATION BY THE INVENTOR	Docket Number (Optional) 3058.1000-023
<p>I hereby declare that Each inventor's residence, mailing address and citizenship are stated below next to their name. I believe the inventors named below to be the original and first inventor(s) of the subject matter which is described and claimed in patent number <u>5,912,925</u>, granted <u>June 15, 1999</u> and for which a reissue patent is sought on the invention entitled <u>DIVERSITY CIRCUIT FOR MAGNETIC COMMUNICATION SYSTEM</u></p> <p>the specification of which</p> <p><input type="checkbox"/> is attached hereto.</p> <p><input checked="" type="checkbox"/> was filed on <u>JUNE 14, 2001</u> as reissue application number <u>09/881,645</u> and was amended on <u>6/14/01, 11/13/01, 11/25/02, 5/8/03, 11/25/03 and 2/8/05</u> (If applicable)</p> <p>I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.</p> <p><input type="checkbox"/> I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b). Attached is form PTO/SB/C2B (or equivalent) listing the foreign applications.</p> <p>I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)</p> <p><input type="checkbox"/> by reason of a defective specification or drawing.</p> <p><input checked="" type="checkbox"/> by reason of the patentee claiming more or less than he had the right to claim in the patent.</p> <p><input type="checkbox"/> by reason of other errors</p> <p>At least one error upon which reissue is based is described below. If the reissue is a broadening reissue, such must be stated with an explanation as to the nature of the broadening:</p> <p style="text-align: center;">See attached Exhibit</p>	

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This collection of information is required by 37 CFR 1.175. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)		Docket Number (Optional) 3058.1000-023	
All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant.			
Note: To appoint a power of attorney, use form PTO/SB/81.			
Correspondence Address: Direct all communications about the application to:			
<input checked="" type="checkbox"/> The address associated with Customer Number:		021005	
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.			
Full name of sole or first inventor (given name, family name) Vincent Palermo			
Inventor's signature 		Date 10/17/06	
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Mailing Address Same			
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Inventor's signature 		Date 10/17/06	
Residence 26 Cherry Hollow Road, Nashua, NH 03062		Citizenship USA	
Mailing Address Same			
<input checked="" type="checkbox"/> Additional joint inventors or legal representative(s) are named on separately numbered sheets forms PTO/SB/02A or 02LR attached hereto.			

3058.1000-023

REISSUE APPLICATION DECLARATION BY THE INVENTOR

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Neal R. Butler
144 School Street, Acton, MA 01720

USA

Neal R Butler
Inventor's Signature

10/17/2006
Date

Exhibit

The present reissue application, U.S. Application No. 09/881,645, is a broadening reissue application of previously issued U.S. Patent No. 5,912,925 (Application No. 08/696,812) ("issued patent") granted June 15, 1999, entitled "Diversity Circuit for Magnetic Communication System." In the present reissue application, Claims 8-98 were added by preliminary amendment filed with the application on June 14, 2001. Claims 99-113 were presented by supplemental preliminary amendment filed on November 13, 2001. Claims 114-117 were added by amendment filed on November 25, 2002, and Claims 118-122 were added by amendment filed on May 8, 2003.

An error occurred in the issued patent of not prosecuting method claims. Method claims, Claims 8-53, and 99-113, were added by way of the aforementioned preliminary amendments, and another method claim, Claim 122, was added by amendment filed May 8, 2003. Note that Claim 8 was later canceled by amendment on November 25, 2003.

Additionally, an error occurred in the issued patent in which the Applicants claimed less than they had the right to claim. In view of this error, system claims, Claims 54-64, and system claims, Claims 65-98 and 114-121, which are broader than claims 1-7 of the issued patent, were added in the broadening reissue application by way of the aforementioned preliminary amendments and the amendment filed on May 8, 2003. Note that Claims 54-86, and 118 were canceled in an amendment filed on February 8, 2005.

In particular, with respect to Applicants' claiming less than they had the right to claim in the issued patent, independent claims 1 and 4 of the issued patent included a first transmission/reception coil and a plurality of second transmission/reception coils. Independent claim 87 of the reissue application, for example, includes multiple uniquely oriented receiver transducers corresponding to the plurality of second transmission/reception coils of the issued patent, but does not also include a transducer corresponding to the first transmission/reception coil of claim 1 of the issued patent. Independent system claims 54 and 72 as originally presented were similarly broader than the claims of the issued patent. Independent claims 65 and 118 as originally presented included fewer limitations but for other reasons, such as not requiring "a modulator circuit," as recited in independent claims 1 and 4 of the issued patent.

In accordance with the foregoing, Applicants believe that claims 1 and 4 of the issued patent included unnecessary limitations.